

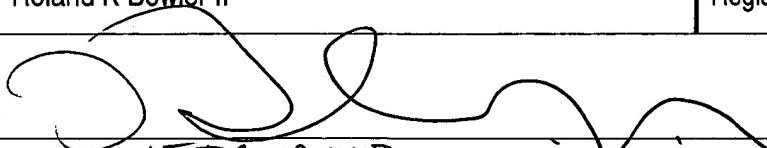


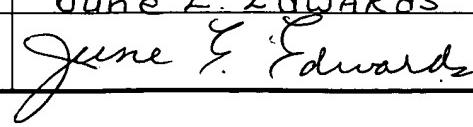
2681

<b>TRANSMITTAL FORM</b>		Application Number	09/973,510
		Filing Date	09Oct2001
		First Named Inventor	King, Thomas M
		Group Art Unit	2681
		Examiner Name	
Total Number of Pages in this Submission		Attorney Docket Number	CS11407 Technology Center 2600

<b>ENCLOSURES</b> (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-Related papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CDs	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group {Appeal Notice, Brief, Reply Brief} <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter with appropriate copies <input type="checkbox"/> Other Enclosure(s) (please identify below) <ul style="list-style-type: none"> <li><input type="checkbox"/> Response to Restriction Requirement</li> <li><input type="checkbox"/> Associate Power of Attorney</li> <li><input type="checkbox"/> RCE</li> </ul>
<input type="text"/> Remarks		

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<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>			
Firm or Individual	Roland K Bowler II		Registration No. 33,477
Signature			
Date	15 JAN 2003		

<b>CERTIFICATE OF MAILING</b>			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage thereon, as first-class mail, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on the date listed below:			
Typed or printed name	June E. Edwards		
Signature			Date 01/16/03



JAN 21 2003

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: King, Thomas M  
Application No.: 09/973,510  
Date Filed: 09Oct2001  
Title: Satellite Positioning System Receiver with Reference Oscillator Circuit and Methods Therefor

Group Art Unit: 2681

Examiner:

Batch No.:

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Technology Center 2600

## CERTIFICATE OF MAILING

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Date of Deposit

MOTOROLA INC.

Name of Assignee

SIGNATURE

DATE

## INFORMATION DISCLOSURE STATEMENT (IDS)

Assistant Commissioner For Patents  
Washington, D.C. 20231

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SIR:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are being submitted herewith for consideration by the United States Patent and Trademark Office.

## I. COPIES

- a.  A legible copy of (i) each U.S. and foreign patents; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included herewith.  
b.  Any patents, publications or other information which are listed on PTO/SB/08 which are not enclosed herewith were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. §120:

U.S. Serial NumberU.S. Filing Date

## II. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

- a.  Except as may be indicated below in (b) of this section, all of the patents, publications or other information are in the English language (concise explanation not required).  
b.  A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:  
c.  The following additional information is provided for the Examiner's consideration:

III.  CROSS REFERENCE TO RELATED APPLICATION(S)

The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. §122.

Serial No.Filing DateArt Unit

## FEES

- IV.  THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)
- a.  within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required.
- b.  within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.
- c.  before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or statement is required.
- d.  before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
- V.  THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box)
- before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R. §1.97(c)).
- a.  No statement; therefore, charge Deposit Account 502117 the fee set forth in 37 C.F.R. §1.17(p).
- b.  See the statement below. No fee is required.
- VI.  THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(d):  
on or before payment of the issue fee and is accompanied by the following:
- 1) a statement under 37 C.F.R. §1.97(e) as provided below; and
- 2) charge Deposit Account 502117 the petition fee set forth in §1.17(p).
- VII.  STATEMENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)
- The undersigned hereby states that
- a.  each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS; or
- b.  no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or
- c.  some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

VIII. PAYMENT OF FEES

- A check in the amount of \_\_\_\_\_ is enclosed for the above-identified fee(s).
- Please charge Deposit Account No. 502117 in the amount of \$180.00 for the above-indicated fee(s).
- If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 502117.
- Two Copies of this paper are attached for Deposit Account charges and debits.

The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 502117.

Respectfully submitted,

King, Thomas M



Roland K Bowler II

Attorney for Applicant(s)

Reg. No. 33,477

Tel. 847-523-3978

MOTOROLA, INC.  
Customer Number 20280

Enclosures:  PTO/SB/08  
 References  
 Foreign Search Report  
 Other:

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Please type or sign (+) inside this box.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>RECEIVED</b>	
		Complete if Known	
		Application Number	09/973,510
		Filing Date	09Oct2001
		First Named Inventor	King, Thomas M
Group Art Unit	2681		
Examiner Name	Technology Center 2600		
Sheet	of	Attorney Docket Number	CS11407

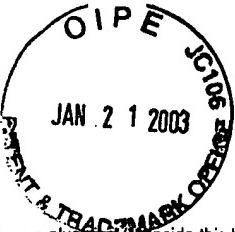
<b>U. S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		4,297,657		Frerking	10-27-1981
		4,797,677		MacDoran et al	01-10-1989
		4,906,944		Frerking	03-06-1990
		5,148,452		Kennedy, et al	09-15-1992
		5,175,557		King et al	12-19-1992
		5,436,632		Sheynblat	07-25-1995
		5,654,718		Beason et al	08-05-1997
		5,731,786		Abraham et al	03-24-1998
		5,786,773		Murphy	07-28-1998
		5,786,789		Janky	07-28-1998
		5,884,220		Farmer et al	03-16-1999
		5,889,492		Kurby et al	03-30-1999
		6,064,336		Krasner	05-16-2000

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office <sup>3</sup>	Number <sup>4</sup>		
		DE	19537923	Germany	04-17-1997
		DE	19731702	Germany	04-09-1998
		EP	0493784	Europe	07-08-1992
		EP	0526040	Europe	02-03-1993
		EP	0604404	Europe	06-10-1998
		EP	0871300	Europe	10-14-1998
		EP	1046924	Europe	10-25-2000
		GB	2264837	United Kingdom	09-08-1993
		GB	2324218	United Kingdom	10-14-1998
		GB	2349760	United Kingdom	11-08-2000
		JP	8015404	Japan	01-19-1996
		WO	97/47985	PCT	12-18-1997
		WO	98/00727	PCT	01-08-1998
		WO	98/09181	PCT	03-05-1998
		WO	99/54753	PCT	10-28-1999

Examiner Signature	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.



Please type a plus sign (+) inside this box.

Substitute for form 1449A/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/973,510
		Filing Date	09Oct2001
		First Named Inventor	King, Thomas M
		Group Art Unit	2681
		Examiner Name	JAN 22 2003
Sheet	of	Attorney Docket Number	CS11407
		Technology Center 2800	

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	Bloebaum, Scott; <u>Low Complexity Assisted GPS Positioning</u> , T1P1.5/98-440, September 1998	
		Enge, P. et al, <u>Design of the Signal and Data Format for Wide Area Augmentation of the Global Positioning System</u> , PLANS '96, April 1996, pp. 485-495	
		FCC Acts To Promote Competition & Public Safety in Enhanced Wireless 911 Services, FCC, September 15, 1999	
		Fox, Barry, New Scientist; <u>Military precision for civilian GPS</u> ; May 11, 1996, Page 22	
		Spalding, J.W. et al., <u>Differential GPS Integrity Monitor</u> , PLANS '94, April 1994, pp. 225-232	
		Zhao, <u>Mobile Phone Location Technologies</u> , Proceedings of antenna Symposium '99, Motorola, October 1999	
		Zhao, <u>Simplified GPS Assistance Protocol</u> , 71P1.5/99-569.0, Motorola, September 10, 1999	
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			JAN 22 2003
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Examiner Signature	Date Considered
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